

HIV/AIDS Surveillance Semi-Annual Report



Hawai'i Department of Health

Cases to December 31, 2003

AIDS Data: As of December 31, 2003, a cumulative total of 2,824 AIDS cases have been reported to the Hawai'i HIV/AIDS Surveillance Program, Department of Health (DOH). Of these, 1,545 (54.7%) are known dead.

A total of 112 cases were reported during 2003 (one-year period), which gives Hawai'i an annual AIDS report rate of 9.0 per 100,000 population. Of the 112 AIDS cases, there were 95 (84.8%) males and 17 (15.2%) females. Honolulu County reported 85 cases; Maui County 12 cases; Hawai'i County 10 cases; and Kaua'i County 5 cases. AIDS data are detailed on pages 2-4.

HIV Data: A cumulative total of 655 HIV cases have been reported to the DOH since Hawai'i implemented HIV reporting on August 27, 2001. These reported HIV cases include all those diagnosed from the previous years and the current year. HIV data at this time are incomplete due to reporting delays (time between diagnosis of HIV infection and report to DOH), so details are not yet available.

Persons Living with AIDS in Hawai'i, End 2003

At the end of 2003, a total of 1,279 persons^a in Hawai'i are living with AIDS, which results in a prevalence rate of 102.7 AIDS cases per 100,000 population^b. Of these person living with AIDS, 1,156 (90.4%) are male and 123 (9.6%) are female. The table shows selected characteristics of persons living with AIDS:

- **County:** Honolulu has the largest percentage of the total persons living with AIDS cases. However, Maui County has the highest prevalence rate (132.0 per 100,000 population). The other prevalence rates are: Hawaii County 129.2, Honolulu County 95.0, and Kauai 85.1 per 100,000 population^b.
- **Race/Ethnicity:** Caucasians have the highest number of cases (783, 61.2%). Hawaiians rank second with 125 cases (9.8%).
- **Age as of end of 2003:** The largest age group of persons living with AIDS (594, 46.4%) is between age 40-49. The second largest age group is age over 49 (408, 31.9%).
- **Risk behaviors:** The primary risk behavior is among men who have sex with men (881, 68.9%). The second and third highest risk behaviors are injection drug user (102, 8.0%) and heterosexual contact (90, 7.0%).

County	No.	%
Honolulu	851	66.5%
Hawai'i	200	15.6%
Maui	177	13.8%
Kaua'i	51	4.0%
Race/Ethnicity		
Caucasian	783	61.2%
Hawaiian	125	9.8%
Asian/Other PI ^c	201	15.7%
Filipino	74	5.8%
Japanese	47	3.7%
Other API	80	6.3%
African-American	71	5.6%
Hispanic	86	6.7%
Other/Multiple Race	13	1.0%
Age as of end of 2003 (yrs)		
<20	7	0.5%
20-29	20	1.6%
30-39	250	19.5%
40-49	594	46.4%
>49	408	31.9%
Risk behavior		
MSM	881	68.9%
IDU	102	8.0%
MSM/IDU	88	6.9%
Heterosexual	90	7.0%
Undetermined	91	7.1%
Other ^d	27	2.1%
Total	1,279	100%

^a Includes persons diagnosed in Hawaii and reported with the vital status "alive". Some cases may not been updated vital status due to not knowing if an individual reported with AIDS died in another state.

^b U.S. 2002 estimated population.

^c Asian and Other Pacific Islanders, excluding Hawaiians.

^d Includes hemophilia, blood transfusion, perinatal

Hawai'i AIDS Cases, Reported through December 31, 2003

Year of Report	1983-1997	1998	1999	2000	2001	2002	2003	TOTAL
Cases by Year of Report	2,077	164	102	109	129	131	112	2,824
Rate per 100,000 Population *	N/A	13.5	8.4	8.9	10.5	10.7	9.0	N/A

Demoaraphics/Risk	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)	No.	(%)
-------------------	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

SEX	Male	1,957	(94)	147	(90)	94	(92)	94	(86)	114	(88)	118	(90)	95	(85)	2,619	(93)
	Female	120	(6)	17	(10)	8	(8)	15	(14)	15	(12)	13	(10)	17	(15)	205	(7)

AGE	<13	14	(1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(1)	17	(<1)
	13-19	6	(<1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(1)	9	(<1)
	20-29	288	(14)	13	(8)	5	(5)	8	(7)	11	(9)	12	(9)	9	(8)	346	(12)
	30-39	919	(44)	80	(49)	43	(42)	36	(33)	55	(43)	50	(38)	44	(39)	1,227	(43)
	40-49	620	(30)	48	(29)	39	(38)	42	(39)	38	(29)	46	(35)	37	(33)	870	(31)
	>49	230	(11)	21	(13)	15	(15)	21	(19)	25	(19)	23	(18)	20	(18)	355	(13)

RACE	Non-Hispanic																
	Caucasian	1,332	(64)	97	(59)	63	(62)	61	(56)	80	(62)	74	(56)	50	(45)	1,757	(62)
	Asian/Hawaiian/PI	550	(26)	41	(25)	27	(26)	38	(35)	34	(26)	40	(31)	-	-	730	(26)
	Asians	-	-	-	-	-	-	-	-	-	-	-	-	23	(21)	23	(1)
	Hawaiian/Pacific Islander	-	-	-	-	-	-	-	-	-	-	-	-	18	(16)	18	(1)
	African-American	85	(4)	9	(5)	7	(7)	4	(4)	3	(2)	8	(6)	9	(8)	125	(4)
	American Indian/Alaskan	8	(0)	3	(2)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	12	(<1)
	Multiple Race	1	(<1)	-	-	-	-	1	(1)	2	(2)	1	(1)	6	(5)	11	(<1)
	Hispanic	101	(5)	14	(9)	5	(5)	5	(5)	9	(7)	8	(6)	6	(5)	148	(5)

- Beginning 2003, the new category for race/ethnicity, which follows the 1997 OMB standard from CDC's guideline, has been adopted in Hawaii. The new changes include: 1) Two ethnicity categories (Hispanic and non-Hispanic) are collected regardless of race; 2) Hawaiian/Other Pacific Islander category; 3) Multiple racial-information is collected.
- Due to the new category adoption, race/ethnicity information collected and compiled in this report are under two systems. The dash indicates that data collected and/or compiled during that year are not under race/ethnicity category. Also, persons reported as non-Hispanic may include persons whose ethnicity was unreported.

RISK	Male to Male Sex	1,607	(77)	116	(71)	70	(69)	68	(62)	86	(67)	85	(65)	60	(54)	2,092	(74)
	Injection Drug Use	139	(7)	21	(13)	6	(6)	8	(7)	10	(8)	10	(8)	4	(4)	198	(7)
	Male/Male Sex & IDU	155	(7)	6	(4)	8	(8)	5	(5)	2	(2)	6	(5)	5	(4)	187	(7)
	Female Heterosexual	64	(3)	8	(5)	3	(3)	8	(7)	6	(5)	4	(3)	8	(7)	101	(4)
	Male Heterosexual	29	(1)	4	(2)	5	(5)	3	(3)	4	(3)	2	(2)	3	(3)	50	(2)
	Transfusion	21	(1)	2	(1)	1	(1)	0	(0)	0	(0)	2	(2)	3	(3)	29	(1)
	Perinatal	11	(<1)	1	(1)	0	(0)	1	(1)	0	(0)	0	(0)	1	(1)	14	(<1)
	Hemophiliac	18	(<1)	1	(1)	0	(0)	0	(0)	1	(1)	0	(0)	0	(0)	20	(<1)
	Undetermined	33	(2)	5	(3)	9	(9)	16	(15)	20	(16)	22	(17)	28	(25)	133	(5)

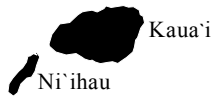
- Each year's estimated population from The State of Hawaii Data Book 2002, <http://www.hawaii.gov/dbedt/db02/01/010602.xls>

HIV/AIDS Surveillance Program, 3627 Kilauea Avenue Room 306, Honolulu, Hawaii 96816, (808) 733-9010, 733-9015 (Fax)
[Http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/](http://www.state.hi.us/doh/resource/comm_dis/std_aids/aids_rep/)

County Report

Cumulative Cases (1983- December 31, 2003)

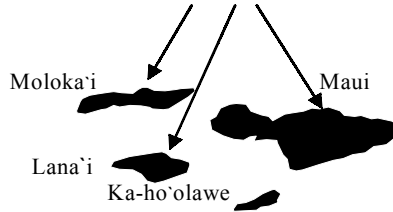
Kaua'i County
124 cases (4%)



Honolulu County
2,022 cases (72%)



Maui County
301 cases (11%)



*AIDS Cases and Annual Rates per
100,000 Population by County*,
Reported during 2003*

County	No.	(%)	Rate*
Honolulu	85	(75.9)	9.5
Hawai'i	10	(8.9)	6.5
Maui	12	(10.7)	8.9
Kaua'i	5	(4.5)	8.3
Statewide	112	(100)	9.0

This map indicates the number of diagnosed AIDS cases reported to the Department of Health through December 31, 2003. These numbers do not reflect those diagnosed in other states who are now living in Hawai'i or individuals who are HIV-infected but not yet diagnosed with AIDS.

* population from The State of Hawaii Data Book 2002, <http://www.hawaii.gov/dbedt/db02/01/010602.xls>.

Hawai'i County
377 cases (13%)



Cumulative Hawai'i AIDS cases reported 1983 to December 31, 2003	2,824	Known Deaths	1,545 (54.7%)
--	-------	--------------	---------------

AIDS Cases by County: Five-year (1999 - 2003) and Cumulative Total (1983 – December 31, 2003)

County		Honolulu Co.		Hawai'i Co.		Maui Co.		Kaua'i Co		Statewide	
		5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total	5-Year	Cum. Total
		No. (%)	N (%)	No. (%)	No. (%)	No. (%)	No. (%)	N (%)	N (%)	No. (%)	No. (%)
SEX	Male	341 (89)	1,883 (93)	70 (82)	337 (89)	80 (92)	284 (94)	24 (89)	115 (93)	515 (88)	2,619 (93)
	Female	43 (11)	139 (7)	15 (18)	40 (11)	7 (8)	17 (6)	3 (11)	9 (7)	68 (12)	205 (7)

RISK	Male to Male Sex	242 (63)	1,518 (75)	48 (56)	251 (67)	62 (71)	229 (76)	17 (63)	94 (76)	369 (63)	2,092 (74)
	Injection Drug Use	24 (6)	134 (7)	7 (8)	39 (10)	5 (6)	16 (5)	2 (7)	9 (7)	38 (7)	198 (7)
	Male/Male Sex & IDU	18 (5)	127 (6)	4 (5)	30 (8)	3 (3)	26 (9)	1 (4)	4 (3)	26 (4)	187 (7)
	Heterosexual Contact	26 (7)	97 (5)	12 (14)	31 (8)	5 (6)	14 (5)	3 (11)	9 (7)	46 (8)	151 (5)
	Transfusion	5 (1)	23 (1)	0 (0)	3 (1)	1 (1)	1 (<1)	0 (0)	2 (2)	6 (1)	29 (1)
	Perinatal	2 (<1)	12 (1)	0 (0)	2 (1)	0 (0)	0 (0)	0 (0)	0 (0)	2 (<1)	14 (<1)
	Hemophiliac	1 (<1)	14 (1)	0 (0)	4 (1)	0 (0)	2 (<1)	0 (0)	0 (0)	1 (<1)	20 (<1)
	Undetermined	66 (17)	97 (5)	14 (16)	17 (5)	11 (13)	13 (4)	4 (15)	6 (5)	95 (16)	133 (5)
Total Cases		384	2,022	85	377	87	301	27	124	583	2,824

01/1999– 12/2003 Cases (%)	384 (66)	85 (15)	87 (15)	27 (5)	583 (100)
Cumulative Cases (%)	2,022 (72)	377 (13)	301 (11)	124 (4)	2,824 (100)
2002 Estimated Population (%)	(72)	(12)	(11)	(5)	1,224,898 (100)

AIDS Cases by Race/Ethnicity Reported from 1999 to 2003 (Five - Year)

Race/Ethnicity	Caucasian No. (%)	African American No. (%)	Hispanic No. (%)	Hawaiian/Pt. Haw. No. (%)	Filipino No. (%)	Chinese No. (%)	Japanese No. (%)	Other A/PIs No. (%)	Multiple ^a Race No. (%)	Total ^b No. (%)
----------------	----------------------	--------------------------------	---------------------	---------------------------------	---------------------	--------------------	---------------------	---------------------------	--	-------------------------------

S E X	Male	304 (93)	23 (74)	29 (88)	63 (82)	35 (88)	11 (100)	19 (86)	23 (77)	7 (70)	515 (88)
	Female	24 (7)	8 (26)	4 (12)	14 (18)	5 (13)	0 (0)	3 (14)	7 (23)	3 (30)	68 (12)
R I S K	Male to Male Sex	226 (69)	12 (39)	20 (61)	47 (61)	25 (63)	6 (55)	16 (73)	10 (33)	6 (60)	369 (63)
	Injection Drug Use	16 (5)	6 (19)	4 (12)	6 (8)	0 (0)	2 (18)	1 (5)	1 (3)	2 (20)	38 (7)
	Male/Male Sex & IDU	16 (5)	2 (6)	2 (6)	4 (5)	1 (3)	0 (0)	1 (5)	0 (0)	0 (0)	26 (4)
	Heterosexual	20 (6)	3 (10)	2 (6)	10 (13)	5 (13)	1 (9)	2 (9)	2 (7)	1 (10)	46 (8)
	Transfusion	1 (<1)	0 (0)	1 (3)	1 (1)	1 (3)	0 (0)	0 (0)	2 (7)	0 (0)	6 (1)
	Perinatal	1 (<1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (3)	0 (0)	2 (<1)
	Hemophiliac	1 (<1)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	0 (0)	1 (<1)
	Undetermined	47 (14)	8 (26)	4 (12)	9 (12)	8 (20)	2 (18)	2 (9)	14 (47)	1 (10)	95 (16)
5-Year Cases		328	31	33	77	40	11	22	30	10	583

Cumulative Cases (%)	1,757 (62)	125 (4)	148 (5)	308 (11)	151 (5)	62 (2)	123 (4)	127 (4)	11 (<1)	2,824(100)
5 Year Cases (%)	328 (56)	31 (5)	33 (6)	77 (13)	40 (7)	11 (2)	22 (4)	30 (5)	10 (2)	583 (100)
Year 2003 Cases (%)	50 (45)	9 (8)	6 (5)	11 (10)	9 (8)	4 (4)	7 (6)	10 (9)	6 (5)	112 (100)
2003 Annual Rate per 100,000 population ^c	17.0	40.9	6.8	13.7	5.3	7.1	3.5	3.2	2.3	9.2

^a. This data collection began in 2003.

^b Totals include American Indians, with no case reported in 2003; 1 case in previous 5-year period; 12 cases as of December, 31 2003.

^c. 2000 population, U.S. Census, from the State of Hawaii Data Book 2002, <http://www.hawaii.gov/dbedt/db02/01/013202.xls> and 013302.xls

Reporting Requirement. AIDS case reporting is required by Hawai'i Revised Statutes (HRS) §325-2 and Hawaii Administrative Rules §11-156-3 for low CD4 values (<200 μ l/ml or <14% of total lymphocytes). Reporting by name is required at the time a person is diagnosed with AIDS as defined by the Centers for Disease Control and Prevention (revised in January 1993). HIV case reporting by Unnamed Test Code (UTC) is required by Hawaii Administrative Rules §11-156-8.8 & 8.9., which took effect on August 27, 2001. Information is collected for the advancement of epidemiologic knowledge and handled in strictest confidence in accordance with HRS §325-101. Names and other identifiers are not released. Those required to report include physicians, nurses, infection control practitioners, medical directors, and hospitals.

Questions regarding forms, reporting requirements, or this report may be directed to the HIV/AIDS Surveillance Program at (808) 733-9010, (808) 733-9015 (fax), or qsandy@lava.net (e-mail).